



ELECTRONIC TUBE REFERENCE

GL7399

Power - Tetrode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

UHF power tetrode designed for pulsed amplifier or oscillator service. Its high-frequency construction supports short-duration radio-frequency power generation and amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1 V / 5.6 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
MAXIMUM PLATE VOLTAGE	7000 V
MAXIMUM SCREEN VOLTAGE	1400 V
MAXIMUM PLATE DISSIPATION	500 W
<i>Promoted fields mapped from printed ratings/characteristics headings; specialized published data retained in parameter rows.</i>	

UHF tetrode designed for pulsed amplifier or oscillator service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1968 GENERAL ELECTRIC CO

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
I, =200 Milliampères DC ture..... 09 0.5	0.2 in	I, =200 Milliampères DC ture..... 09 0.5 0.2 Inches-Water
Pulse Width\$éç	15 us	Pulse Width\$éç. 15 Microseconds DC Grid-No. 2 Current, during pulse...0.47 Amperes
Pulse Width . ç	15 us	Pulse Width . ç. 15 Microseconds
Pulse Width 94	15 us	Pulse Width 94 15 Microseconds Power Output, during puse (useful).....11 Kilowatts
Duty Factor€Weçé..... 0.01 Pulse Widthç	15 us	Duty Factor€Weçé..... 0.01 Pulse Widthç. 15 Microseconds
23"+ 3" f— 2.125"* 010" D	1 a	23"+ 3" f— 2.125"* 010" D1a.(B) B}
DIAMETER A	-0.03 in	DIAMETER A -0.030 INCHES
DIAMETER B8—	0.016 in	DIAMETER B8—0.016 INCHES
DIAMETER C—	0.036 in	DIAMETER C— 0.036 INCHES
DIAMETER D —	0.042 in	DIAMETER D — 0.042 INCHES
OIAMETER (C)~	0.016 in	OIAMETER (C)~ 0,016 INCHES

TUBE TINKER

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